

10/685049

Examiner: MOONEY, MICHAEL

GAU: 2883

Classification: 385/042.000

Inventor: FAN, XUDONG, et al

Status: 71 - RESPONSE TO NON-FINAL OFFICE ACTION ENTERED AND FORWARDED TO EXAMINER

Title: HYBRID SPHERE-WAVEGUIDE RESONATORS

Continuity/Foreign Data report

**Patent Number:** Not Issued    **Issue Date:** N/A  
**Title:** HYBRID SPHERE-WAVEGUIDE RESONATORS

No foreign data for this application. *MPM*

No parent data for this application. *MPM*

**Child Data**

**Application:**

**Type:**

**Related Application:**

PCT/US04/27757

is a continuation of

10/685049 *MPM*

Form Priority    NO  
119 Conditions Met    NO  
*MPM*

✱  
Could not connect to Pre-Exam application. Please contact PALM Pre-Exam support and HelpDesk..

-- *Check whether Pre-Exam application is down. If up, try again.*

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	"20050077513"	US-PGPUB; USPAT	OR	OFF	2007/05/22 22:04
S2	2	"20020081055"	US-PGPUB; USPAT	OR	ON	2007/01/02 12:48
S3	1	"6865317".pn.	US-PGPUB; USPAT	OR	ON	2007/01/02 12:48
S4	1	"20050077513" and (embodi\$6 configur\$6 aspect)	US-PGPUB; USPAT	OR	ON	2007/01/07 23:34
S5	130	"385"/\$.ccls. and fiber with emi\$6 with cone\$6	US-PGPUB; USPAT	OR	ON	2007/01/07 23:37
S6	43	"385"/\$.ccls. and fiber with emi\$6 with cone\$6 and receiv\$6 with emi\$6	US-PGPUB; USPAT	OR	ON	2007/01/07 23:37
S7	1	"20020044739"	US-PGPUB; USPAT	OR	ON	2007/05/23 14:07
S8	1	"20020044739" and (cap\$6 cover\$6 secur\$6)	US-PGPUB; USPAT	OR	ON	2007/05/22 21:51
S9	1	"20020044739" and (retain\$6)	US-PGPUB; USPAT	OR	ON	2007/05/22 21:51
S10	1	"20050077513" and second with substrat\$6	US-PGPUB; USPAT	OR	ON	2007/05/23 13:45
S11	0	(immov\$6) near3 (mirror\$5 reflect\$6) with (mov\$6 tilt\$6 mems) near3 (mirror\$5 reflect\$6) and (optic\$6 with switch\$6)	US-PGPUB; USPAT	OR	ON	2007/05/23 11:40
S12	1	"20050077513" and substrat\$6	US-PGPUB; USPAT	OR	ON	2007/05/23 16:40
S13	1	"20020044739" and coupl\$6	US-PGPUB; USPAT	OR	ON	2007/05/23 14:23
S14	1	"20020044739" and (detect\$6 sens\$6)	US-PGPUB; USPAT	OR	ON	2007/05/23 18:07
S15	7	("2002/0044739").URPN.	USPAT	OR	OFF	2007/05/23 14:25
S16	6	("2002/0044739").URPN. and (detect\$6 sens\$6)	US-PGPUB; USPAT	OR	ON	2007/05/23 15:16
S17	1	"20050077513" and (detect\$6 sens\$6)	US-PGPUB; USPAT	OR	ON	2007/05/23 15:16
S18	3	("7092591" "6987914" "6922497"). URPN. and (detect\$6 sens\$6)	US-PGPUB; USPAT	OR	ON	2007/05/23 15:16
S19	4	("7092591" "6987914" "6922497"). URPN.	US-PGPUB; USPAT	OR	ON	2007/05/23 15:16

## EAST Search History

S20	25	("20020018611"   "20020044739"   "20030012504"   "20030231826"   "5723856"   "5777778"   "5917179"   "5929430"   "6389197"   "6417957"   "6473218"   "6476959"   "6487233"   "6488861"   "6490039"   "6535328"   "6567436"   "6580532"   "6580851"   "6594061"   "6762869"   "6865317"   "6891996"   "6891997"   "6922497"). PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/23 15:19
S21	21	("20020018611"   "20020044739"   "20030012504"   "20030231826"   "5723856"   "5777778"   "5917179"   "5929430"   "6389197"   "6417957"   "6473218"   "6476959"   "6487233"   "6488861"   "6490039"   "6535328"   "6567436"   "6580532"   "6580851"   "6594061"   "6762869"   "6865317"   "6891996"   "6891997"   "6922497"). PN. and (detect\$6 sens\$6)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/23 15:19
S22	21	("20020018611"   "20020044739"   "20030012504"   "20030231826"   "5723856"   "5777778"   "5917179"   "5929430"   "6389197"   "6417957"   "6473218"   "6476959"   "6487233"   "6488861"   "6490039"   "6535328"   "6567436"   "6580532"   "6580851"   "6594061"   "6762869"   "6865317"   "6891996"   "6891997"   "6922497"). PN. and (detect\$6 sens\$6)	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/23 15:37
S23	2	uchida.in. and nok	US-PGPUB; USPAT	OR	ON	2007/05/23 15:39
S24	0	uchida.in. and nok and (\$6resonator resonat\$6 whisper\$6)	US-PGPUB; USPAT	OR	ON	2007/05/23 15:40
S25	0	keenan.in. and hoolow with fiber	US-PGPUB; USPAT	OR	ON	2007/05/23 15:40
S26	10	keenan.in. and hollow\$6 with fiber	US-PGPUB; USPAT	OR	ON	2007/05/23 15:44
S27	0	keenan.in. and hollow\$6 with fiber and (\$6resonator resonat\$6 whisper\$6)	US-PGPUB; USPAT	OR	ON	2007/05/23 16:02
S28	6	keenan.in. and hollow\$6 with fiber and (detect\$6 sens\$6)	US-PGPUB; USPAT	OR	ON	2007/05/23 15:47
S29	0	(andersson and stemme).in. and hollow\$6 with fiber and (detect\$6 sens\$6)	US-PGPUB; USPAT	OR	ON	2007/05/23 15:51
S30	0	(andersson and stemme).in. and microfluid\$6	US-PGPUB; USPAT	OR	ON	2007/05/23 15:48
S31	0	(andersson and stemme).in.	US-PGPUB; USPAT	OR	ON	2007/05/23 15:48

## EAST Search History

S32	0	(anderson and stemme).in.	US-PGPUB; USPAT	OR	ON	2007/05/23 15:48
S33	2450	(andersson).in.	US-PGPUB; USPAT	OR	ON	2007/05/23 15:49
S34	50	(andersson).in. and microfluid\$6	US-PGPUB; USPAT	OR	ON	2007/05/23 15:50
S35	0	(andersson and wijngaart).in. and microfluid\$6	US-PGPUB; USPAT	OR	ON	2007/05/23 15:49
S36	1	(wijngaart).in. and microfluid\$6	US-PGPUB; USPAT	OR	ON	2007/05/23 15:49
S37	48	(andersson).in. and microfluid\$6 and (detect\$6 sens\$6)	US-PGPUB; USPAT	OR	ON	2007/05/23 15:52
S38	8	("6865317" "6888987" "6891996" "6891997" "20020094150" "20040120638" "20040146431" "20050035278").pn.	US-PGPUB; USPAT	OR	ON	2007/05/23 16:56
S39	8	("6865317" "6888987" "6891996" "6891997" "20020094150" "20040120638" "20040146431" "20050035278").pn. and (detect\$6 sens\$6)	US-PGPUB; USPAT	OR	ON	2007/05/23 16:22
S40	1	"20050078731"	US-PGPUB; USPAT	OR	ON	2007/05/23 16:38
S41	1	"20050078731" and (detect\$6 sens\$6)	US-PGPUB; USPAT	OR	ON	2007/05/23 16:25
S42	3	"20030082237"	US-PGPUB; USPAT	OR	ON	2007/05/23 16:26
S43	3	"20030082237" and (detect\$6 sens\$6)	US-PGPUB; USPAT	OR	ON	2007/05/23 16:26
S44	3	"20030082237" and (detect\$6 sens\$6)	US-PGPUB; USPAT	OR	ON	2007/05/23 16:27
S45	0	"20030082237" and (detect\$6 sens\$6) and (\$6guide \$6guiding fiber) and (detect\$6 sens\$6)	US-PGPUB; USPAT	OR	ON	2007/05/23 16:28
S46	0	"20030082237".urpn. and (detect\$6 sens\$6) and (\$6guide \$6guiding fiber) and (detect\$6 sens\$6)	US-PGPUB; USPAT	OR	ON	2007/05/23 16:28
S47	0	"20030082237".urpn.	US-PGPUB; USPAT	OR	ON	2007/05/23 16:28
S48	1	"20050078731" and (porous\$6 with (surfac\$6 region))	US-PGPUB; USPAT	OR	ON	2007/05/23 16:38
S49	0	"20050077513" and porous\$6	US-PGPUB; USPAT	OR	ON	2007/05/23 16:46
S50	0	"6876796".pn. and porous\$6	US-PGPUB; USPAT	OR	ON	2007/05/23 16:50

## EAST Search History

S51	1	"6490039".pn.	US-PGPUB; USPAT	OR	ON	2007/05/23 16:50
S52	2	("6901101" "20030082237").pn.	US-PGPUB; USPAT	OR	ON	2007/05/23 18:27
S53	1	"20020044739" and (detect\$6 sens\$6 measur\$6 temperat\$6 pressur\$6)	US-PGPUB; USPAT	OR	ON	2007/05/23 23:09
S54	1	("6901101").pn. and (silic\$6 glass\$6)	US-PGPUB; USPAT	OR	ON	2007/05/23 20:32
S55	1	("6901101").pn. and (filter\$6)	US-PGPUB; USPAT	OR	ON	2007/05/23 19:13
S56	1	"20020044739" and (gain\$6 dop\$6 amplif\$6)	US-PGPUB; USPAT	OR	ON	2007/05/23 19:12
S57	1	("6901101").pn. and (gain\$6 dop\$6 amplif\$6)	US-PGPUB; USPAT	OR	ON	2007/05/23 23:05
S58	0	("6901101").URPN.	USPAT	OR	OFF	2007/05/23 20:02
S59	0	"20050063444"	USPAT	OR	OFF	2007/05/23 20:02
S60	1	"20050063444"	US-PGPUB; USPAT	OR	ON	2007/05/23 20:02
S61	1	("2005/0063444").URPN.	USPAT	OR	OFF	2007/05/23 20:02
S62	10	("3833284" "4715672" "5077822" "6512866" "6594425" "6668111" "6895135" "20050105868" "20050111309" "20050147372").pn.	US-PGPUB; USPAT	OR	ON	2007/05/23 21:04
S63	1	("6668111").URPN.	USPAT	OR	OFF	2007/05/23 20:40
S64	1	("6970619").URPN.	USPAT	OR	OFF	2007/05/23 20:40
S65	4	("6594425").URPN.	USPAT	OR	OFF	2007/05/23 20:44
S66	4	("6873769").URPN.	USPAT	OR	OFF	2007/05/23 20:47
S67	1	"7062118".pn. and (detect\$6 sens\$6 measur\$6 temperat\$6 pressur\$6)	US-PGPUB; USPAT	OR	ON	2007/05/23 20:51
S68	0	("7062118").URPN.	USPAT	OR	OFF	2007/05/23 20:53
S69	5	("20020037132"   "20020114604"   "20030118270"   "5926586"   "6873769").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/23 20:53
S70	10	("6512866").URPN.	USPAT	OR	OFF	2007/05/23 20:57
S71	9	("6512866").URPN. and (detect\$6 sens\$6 measur\$6 temperat\$6 pressur\$6)	US-PGPUB; USPAT	OR	ON	2007/05/23 21:13
S72	3	("20040196465" "20050263679" "20050265658").pn.	US-PGPUB; USPAT	OR	ON	2007/05/23 21:05
S73	1	"20040196465" and (detect\$6 sens\$6 measur\$6 temperat\$6 pressur\$6)	US-PGPUB; USPAT	OR	ON	2007/05/23 21:13
S74	1	"20020044739" and (power\$6 with control\$6)	US-PGPUB; USPAT	OR	ON	2007/05/23 22:16

## EAST Search History

S75	1	("6901101").pn. and (plana\$6 channel\$6)	US-PGPUB; USPAT	OR	ON	2007/05/23 23:05
S76	1	"20020044739" and (plana\$6 channel\$6)	US-PGPUB; USPAT	OR	ON	2007/05/23 23:09